

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/14633

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K38/20 A61P17/02 A61P35/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, MEDLINE, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KISHIDA T. ET AL.: "In vivo electroporation-mediated transfer of interleukin-12 and interleukin-18 genes induces significant antitumor effects against melanoma in mice." GENE THERAPY, vol. 8, no. 16, August 2001 (2001-08), pages 1234-1240, XP009010524 * see abstract and fig. 4-5 * -/-	1-17

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the International filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the International filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the International search

16 April 2004

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28/04/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	NAGAI H. ET AL.: "Gene transfer of secreted-type modified IL-18 gene to B16F10 melanoma cells suppresses in vivo tumor growth through inhibition of tumor vessel formation." J. INVEST. DERMATOL., vol. 119, no. 3, September 2002 (2002-09), pages 541-548, XP001148026 * see abstract and pages 543-544 *	1-17
A	KANG JAE SEUNG ET AL.: "Enhanced IL-18 production by UV-B irradiation requires ROI and AP-1 signaling in human keratinocyte cell line HACAT:" FASEB J., vol. 16, no. 4, March 2002 (2002-03), XP009010545 * abstract *	1-17
A	SCHWARZ A. ET AL.: "Interleukin-12 suppresses ultraviolet radiation-induced apoptosis by inducing DNA repair." NATURE CELL BIOLOGY, vol. 4, January 2002 (2002-01), pages 26-31, XP002241642 cited in the application * see abstract *	1-17